

MEDICAL - INDUSTRIAL DC/DC Converters

Stand: 49/08

Regulated
 Case style: DIP24

2 Watt
 Series: MED-CF

EN/UL/CSA 60601-1 & 2
REINFORCED INSULATION

Electrical specifications:

Input voltage range: -5% / +10%
 Output voltage accuracy: +/- 5%
 Line regulation: +/- 0,5%
 Load regulation: +/- 0,5%
 (10% ~ 100% full load)
 Efficiency: min. 65%
 Output Ripple & Noise: typ. 50mV p-p

Short circuit protection: continuous
 Ambient temperature: -40°C to +71°C
 Operating temperature: max. +105°C
 Insulation test voltage: 4kV AC rms *
 coupling capacitance: ~15pF
 creepage distance: >8mm
 Case material: black polycarbonate

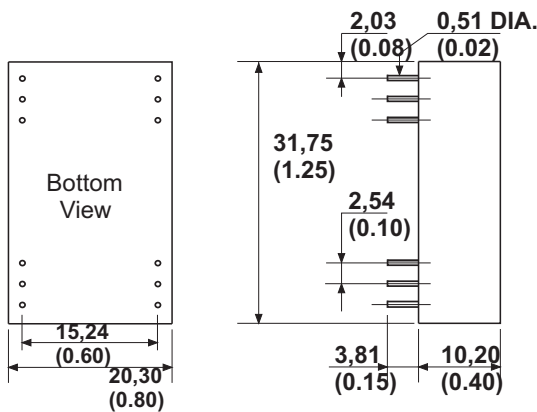
* type test time 1 min.
 part test time 1 sec.

CAUTION: NO INPUT POLARITY CHANGE ALLOWED!

Part - No. Single	Input Voltage	Output Voltage	Output Current	Part - No. Dual	Input Voltage	Output Voltage	Output Current
MED-CF-0505 MED-CF-0509 MED-CF-0512 MED-CF-0515	5V	5V 9V 12V 15V	400mA 222mA 166mA 132mA	MED-CF-0505D MED-CF-0512D MED-CF-0515D	5V	+/- 5V +/-12V +/-15V	+/-200mA +/- 83mA +/- 66mA
MED-CF-1205 MED-CF-1209 MED-CF-1212 MED-CF-1215	12V	5V 9V 12V 15V	400mA 222mA 166mA 132mA	MED-CF-1205D MED-CF-1212D MED-CF-1215D	12V	+/- 5V +/-12V +/-15V	+/-200mA +/- 83mA +/- 66mA
MED-CF-2405 MED-CF-2412 MED-CF-2415	24V	5V 12V 15V	400mA 166mA 132mA	MED-CF-2405D MED-CF-2412D MED-CF-2415D	24V	+/- 5V +/-12V +/-15V	+/-200mA +/- 83mA +/- 66mA
MED-CF-4805 MED-CF-4812 MED-CF-4815	48V	5V 12V 15V	400mA 166mA 132mA	MED-CF-4805D MED-CF-4812D MED-CF-4815D	48V	+/- 5V +/-12V +/-15V	+/-200mA +/- 83mA +/- 66mA

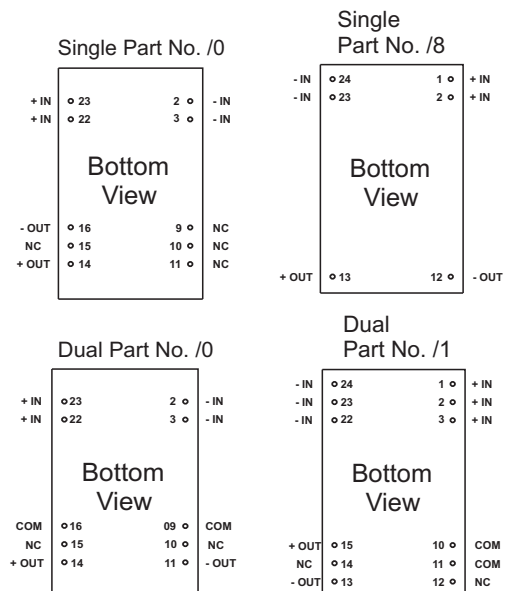
Any other output voltages available

PIN CONNECTION:



All pins on a 2,54mm pitch;
 NP = No Pin, NC = No connection

ALL DIMENSIONS IN MM (INCHES)
 MILLIMETERS +/- 0,25mm / INCHES +/- 0,01"



Specification may be changed without notice
 please contact office for verification

We can offer EMC - Filter
 according to EN55011/22 Class B.